

ABSTRACT**MOISTURE SENSOR WITH CAPACITIVE MOISTURE MEASURING
ELEMENT AND METHOD OF DETERMINING AIR HUMIDITY**

In a method of determining air humidity, a corrected moisture signal is
5 calculated for a moisture signal (H_i) ascertained from electrical properties of a
capacitive moisture measuring element. In a measuring phase (30) with rising relative
air humidity (RH), the corrected moisture signal is the current moisture signal (H_i)
increased by a correction value, whereas in a measuring phase (31) with falling
relative air humidity (RH) the corrected moisture signal is the current moisture signal
10 (H_i) reduced by a correction value. Depending on the respective properties of the
moisture measuring element and the required degree of measuring accuracy, the
correction value is constant or is taken into consideration in dependence on the relative
air humidity RH. This method provides a higher level of measuring accuracy with a
moisture sensor equipped with the moisture measuring element.

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(Figure 5)